

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA. 22313

Dewe

Case 8590D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

J. J. CURRO, ET AL.

Serial No. 10/768,364

Group Art Unit

Filed January 30, 2004

Examiner

ELECTRICAL CABLE For

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§1.56, 1.97 and 1.98, record is being made below of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. As provided in \{1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 CFR §1.98(h) this Information Disclosure Statement does not constitute an admission of any kind and specifically is not an admission that the documents listed on attached form SB-08 are, or are considered to be, material to the patentability of the aboveidentified patent application, as defined in 37 CFR §1.56(b).

This application is a divisional of application Serial No. 09/886,894, filed June 21, 2001. respectfully submit that in an effort to reduce the amount of paperwork submitted to the Patent Office and since the number of listed documents on the attached form PTO-1449 is quite extensive, a copy of each of the documents is not included herein. Applicants respectfully submit that each of the documents listed on the attached form SB-08 can be found in the Patent Office files for application Serial No. 09/886,894, filed June 21, 2001. This should not place any burden on the Examiner. However, Applicants agree to provide to the Examiner a copy of each of the listed documents if the Examiner requests such. It is respectfully requested that the materials listed be made of record in this application.

In addition, Applicants respectfully request the Examiner to make of record the related (Procter & Gamble) copending applications listed in the attached SB-08 Supplement. The Examiner is requested to send Applicants' attorney a copy of the attached SB-08 Supplement with the listed copending applications initialed in the space provided.

Respectfully submitted,

J. J. CURRO, ET AL.

Angela Marie Stone

Attorney for Applicant's Registration No. 41,335

(513) 634-9397

COPENDING APPLICATIONS

Atty. Docket No.	Serial Number	Inventor(s)	Filing Date
6522R2	08/816,106	J. J. Curro et al.	March 14, 1997
7019	09/027,039	R. R. McFall et al.	Feb. 20, 1998
7897R4	09/886,740	J. J. Curro et al.	June 21, 2001
7897R3	09/886,828	J. J. Curro et al.	June 21, 2001
8590	09/886,894	J. J. Curro et al.	June 21, 2001
8591	09/886,893	J. J. Curro et al.	June 21, 2001
8592	09/886,831	J. J. Curro et al.	June 21, 2001
8593	09/886,830	J. J. Curro et al.	June 21, 2001
8594	09/886,730	J. J. Curro et al.	June 21, 2001
8595	09/886,829	J. J. Curro et al.	June 21, 2001

Approved for use through 10/31/2002 OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons at & BA Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE or respond to a collection of information unless it contains a valid OMB control number Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 4

COMPL	LETE IF KNOWN
Application Number	09/886,894
Confirmation Number	6719
Filing Date	June 21, 2001
First Named Inventor	John Joseph Curro et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	8590

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-2,257,428	09/30/1941	Ruegenberg	
•		US-2,679,887	06/01/1954	Doyle et al.	
		US-2,862,251	12/02/1958	Kalwaites	
		US-2,896,692	07/28/1959	Villoresi	
		US-3,081,500	03/19/1963	Griswold et al.	
		US-3,081,512	03/19/1963	Griswold	
		US-3,354,022	11/21/1967	Dettre et al.	
		US-3,485,706	12/23/1969	Evans	
		US-3,542,634	11/24/1970	Such et al.	
		US-3,574,109	04/06/1971	Yoshikawa	
		US-3,597,299	08/03/1971	Thomas et al.	<u> </u>
		US-3,681,182	08/01/1972	Kalwaites	
	1	US-3,681,183	08/01/1972	Kalwaites	
		US-3,695,967	10/03/1972	Ross	
		US-3,695,985	10/03/1972	Brock et al.	
		US-3,728,203	04/17/1973	Taylor	
		US-3,800,364	04/02/1974	Kalwaites	
		US-3,855,046	12/17/1974	Hansen et al.	
· · ·		US-3,860,003	01/14/1975	Buell	
	†	US-3,881,987	05/06/1975	Benz	
·	†	US-3,927,673	12/23/1975	Taylor	
	†	US-3,929,135	12/30/1975	Thompson	
		US-3,949,127	04/06/1976	Ostermeier et al.	
	†	US-3,953,638	04/27/1976	Kemp	
	1	US-4,062,993	12/13/1977	Seward	
•	 	US-4,101,625	07/18/1978	Haley	
	 	US-4,116,892	09/26/1978	Schwarz	
	 	US-4,135,021	01/16/1979	Patchell et al.	
	+	US-4,153,664	05/08/1979	Sabee	
	†	US-4,207,367	06/10/1980	Baker, Jr.	
	 	US-4,223,059	09/16/1980	Schwarz	
	+	US-4,276,336	06/30/1981	Sabee	
·	+	US-4,285,100	08/25/1981	Schwarz	· · · · · · · · · · · · · · · · · · ·
	1	US-4,333,979	06/08/1982	Sciaraffa et al.	
	 	US-4,342,314	08/03/1982	Radel et al.	<u> </u>
	+	US-4,349,020	09/14/1982	Krikorian	
	+	US-4,355,066	10/19/1982	Newman	
	+	US-4,404,052	09/13/1983	Persson et al.	
	1	US-4,414,970	11/15/1983	Berry	
	 	US-4,418,123	11/29/1983	Bunnelle et al.	
	+	US-4,418,123 US-4,421,812	12/20/1983	Plant	
	 	US-4,522,863	06/11/1985	Keck et al.	+
	+		06/25/1985	Ness	
	+	US-4,525,407			-
	 	US-4,573,991	03/04/1986	Pieniak et al.	· · · · · · · · · · · · · · · · · · ·
	 	US-4,588,630	05/13/1986	Shimalla	
·	 	US-4,600,620	07/15/1986	Lloyd et al.	
<u>-</u>	+	US-4,603,069	07/29/1986	Haq et al.	
		US-4,606,964	08/19/1986	Wideman	L

PTO/SB08A (10-01) Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Under the Reswork Reduce

mute for form 1449A/PTO	COMPLETE IF KNOWN		
	Application Number	09/886,894	
INFORMATION DISCLOSURE	Confirmation Number	6719	
STATEMENT BY APPLICANT	Filing Date	June 21, 2001	
(use as many sheets as necessary)	First Named Inventor	John Joseph Curro et al.	
	Group Art Unit	1771	
	Examiner Name		
SHEET 2 of 4	Attorney Docket Number	8590	

U. S. PATENT DOCUMENTS (cont.)

•	US-4,609,518	09/02/1986	Curro et al.	
	US-4,629,643	12/16/1986	Curro et al.	
1	US-4,657,802	04/14/1987	Morman	
,	US-4,695,278	09/22/1987	Lawson	
	US-4,720,415	01/19/1988	Vander Wielen et al.	
	US-4,741,944	05/03/1988	Jackson et al.	
	US-4,758,297	07/19/1988	Calligarich	
	US-4,797,310	01/10/1989	Barby et al.	
	US-4,801,482	01/31/1989	Goggans et al.	
	US-4,808,178	02/28/1989	Aziz et al.	
	US-4,816,025	03/28/1989	Foreman	
	US-4,840,829	06/20/1989	Suzuki et al.	
	US-4,847,134	07/11/1989	Fahrenkrug et al.	
	US-4,891,258	01/02/1990	Fahrenkrug	
<u> </u>	US-5,116,662	05/26/1992	Morman	
	US-5,143,679	09/01/1992	Weber et al.	
· · · · · · · · · · · · · · · · · · ·	US-5,151,092	09/29/1992	Buell et al.	
-	US-5,156,793	10/20/1992	Buell et al.	
	US-5,167,897	12/01/1992	Weber et al.	
	US-5,204,158	04/20/1993	Phillips et al.	· · · · · · · · · · · · · · · · · · ·
	US-5,260,345	11/091/993	DesMarais et al.	1
	US-5,268,224	12/071/993	DesMarais et al.	
	US-5,320,891	06/14/1994	Levy et al.	
	US-5,338,766	08/16/1994	Phan et al.	
	US-5,376,198	12/27/1994	Fahrenkrug et al.	
	US-5,431,991	07/11/1995	Quantrille et al.	
	US-5,451,219	09/19/1995	Suzuki et al.	
•	US-5,518,801	05/21/1996	Chappell et al.	
	US-5,536,555	07/16/1996	Zelazoski et al.	
	US-5,567,501	10/22/1996	Srinivasan et al.	
•	US-5,587,225	12/24/1996	Griesbach et al.	
	US-5,595,567	01/21/1997	King et al.	
	US-5,620,779	04/15/1997	Levy et al.	
	US-5,623,888	04/29/1997	Zafiroglu	
	US-5,626,571	05/06/1997	Young et al.	
	US-5,628,097	05/13/1997	Benson et al.	
-	US-5,635,290	06/03/1997	Stopper et al.	
·	US-5,658,639	08/19/1997	Curro et al.	
	US-5,662,634	09/02/1997	Yamamoto et al.	
	US-5,681,302	10/28/1997	Melbye et al.	
	US-5,683,374	11/04/1997	Yamamoto et al.	
	US-5,683,794	11/04/1997	Wadsworth et al.	
+	US-5,691,035	11/25/1997	Chappell et al.	
	US-5,714,107	02/03/1998	Levy et al.	
	US-5,733,822		Gessner et al.	+
		03/31/1998		
	US-5,804,021	09/08/1998	Abuto et al.	
	US-5,830,555	11/03/1998	Srinivasan et al.	
	US-5,846,232	12/08/1998	Serbiak et al.	
	US-5,851,935	12/22/1998	Srinivasan et al.	
	US-5,853,881	12/29/1998	Estey et al.	<u> </u>

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
95, no persons are required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of

Substitute Historm 1449A/PTO	COMPLI	ETE IF KNOWN
	Application Number	09/886,894
INFORMATION DISCLOSURE	Confirmation Number	6719
STATEMENT BY APPLICANT	Filing Date	June 21, 2001
(use as many sheets as necessary)	First Named Inventor	John Joseph Curro et al.
	Group Art Unit	1771
	Examiner Name	
SHEET 3 of 4	Attorney Docket Number	8590

U. S. PATENT DOCUMENTS (cont.)

•	US-5,891,544	04/06/1999	Chappell et al.	
	US-5,906,879	05/25/1999	Huntoon et al.	
	US-5,916,661	06/29/1999	Benson et al.	
•	US-5,919,411	07/06/1999	Rezai et al.	
	US-6,015,605	01/18/2000	Tsujiyama et al.	
	US-6,022,607	02/08/2000	James et al.	
	US-6,025,050	02/15/2000	Srinivasan et al.	
	US-6,027,593	02/22/2000	Lunt et al.	
	US-6,054,202	04/25/2000	Takeuchi et al.	
	US-6,057,024	05/02/2000	Mleziva et al.	
	US-6,086,984	07/11/2000	DiMaggio, Jr. et al.	
	US-6,106,925	08/22/2000	Palumbo	
	US-6,203,654 B1	03/20/2001	McFall et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DO Country Code ³ Number ⁴	CUMENT Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T 6
EP 0 112 654 A2		07/04/1984	Haq et al.		
EP 0 127 483 B1		10/11/1989	Pedro		
EP 0 164 740 B1		04/04/1990	Shimalla		
EP 0 432 755 B1		05/17/1995	Morman		
EP 0 432 763 B1		08/09/1995	Morman		
EP 0 452 727 B1		03/13/1996	Strack et al.		
EP 0 677 284 B1		06/09/1999	Kielpikowski	i	
EP 0 685 586 A2		12/06/1995	Coslett et al.	<u> </u>	
EP 0 687 757 A2		12/20/1995	Srinivasen et al.		
EP 0 713 546 B1		03/26/1997	Gessner et al.		
EP 0 758 543 A1		02/19/1997	Fujioka et al.		
EP 0 823 878 B1		08/09/2000	Stopper		
EP 0 919 212 A2		06/02/1999	Hisanaka et al.		
EP 0 945 251 A1		09/29/1999	Tanaka et al.		
EP 0 945 536 A2		09/29/1999	Takeuchi et al.		
EP 0 955 159 A1		11/10/1999	Flohr et al.		
WO 94/19179 A1		09/01/1994	Wadsworth et al.		
WO 96/10979 A1		04/18/1996	Palumbo		1
WO 97/11662 A1		04/03/1997	Benson et al.		
WO 97/47264 A1		12/18/1997	Lodge		
WO 99/37476 A1		07/29/1999	Nissing		
WO 99/55273 A1		11/04/1999	Busam et al.		
WO 99/55532 A1	· -	11/04/1999	Busam et al.		
WO 00/76430 A1		12/21/2000	Goyarts		
WO 01/45616 A1		06/28/2001	Curro et al.		
JP 08299385 A		11/19/1996	Shin-Oji Paper Co. Ltd.		
WO 0	1/45616 A1	1/45616 A1	1/45616 A1 06/28/2001	1/45616 A1 06/28/2001 Curro et al.	1/45616 A1 06/28/2001 Curro et al.

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paper work Reduction Act of 195, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for TRADE

(use as many sheets as necessary)

SHEET 4 of 4

COMPL	ETE IF KNOWN
Application Number	09/886,894
Confirmation Number	6719
Filing Date	June 21, 2001
First Named Inventor	John Joseph Curro et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	8590

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,		
INITIALS*	No.'	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
EXAMINE	7	DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Approved for use through 10/31/2002 OMB 0651-0031 Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person and to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

(use as many sheets as necessary)

l of 1

SHEET

COMPLETE IF KNOWN					
Application Number	09/886,894				
Confirmation Number	6719				
Filing Date	June 21, 2001				
First Named Inventor	John Joseph Curro				
Group Art Unit	1771				
Examiner Name	J. R. Pierce				
Attorney Docket Number	8590				

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		4,000,348	12/28/1976	Harlow	
•					
	I				

FOREIGN PATENT DOCUMENTS

		FOREIGN PATENT DOCUMENT				Pages, Columns, Lines Where Relevant Passages	
EXAMINER INITIALS*	Cite No.1	Country Code ³ Number ⁴	Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	or Relevant Figures Appear	T ⁶
ŀ							1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
•					
EXAMINER		DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.